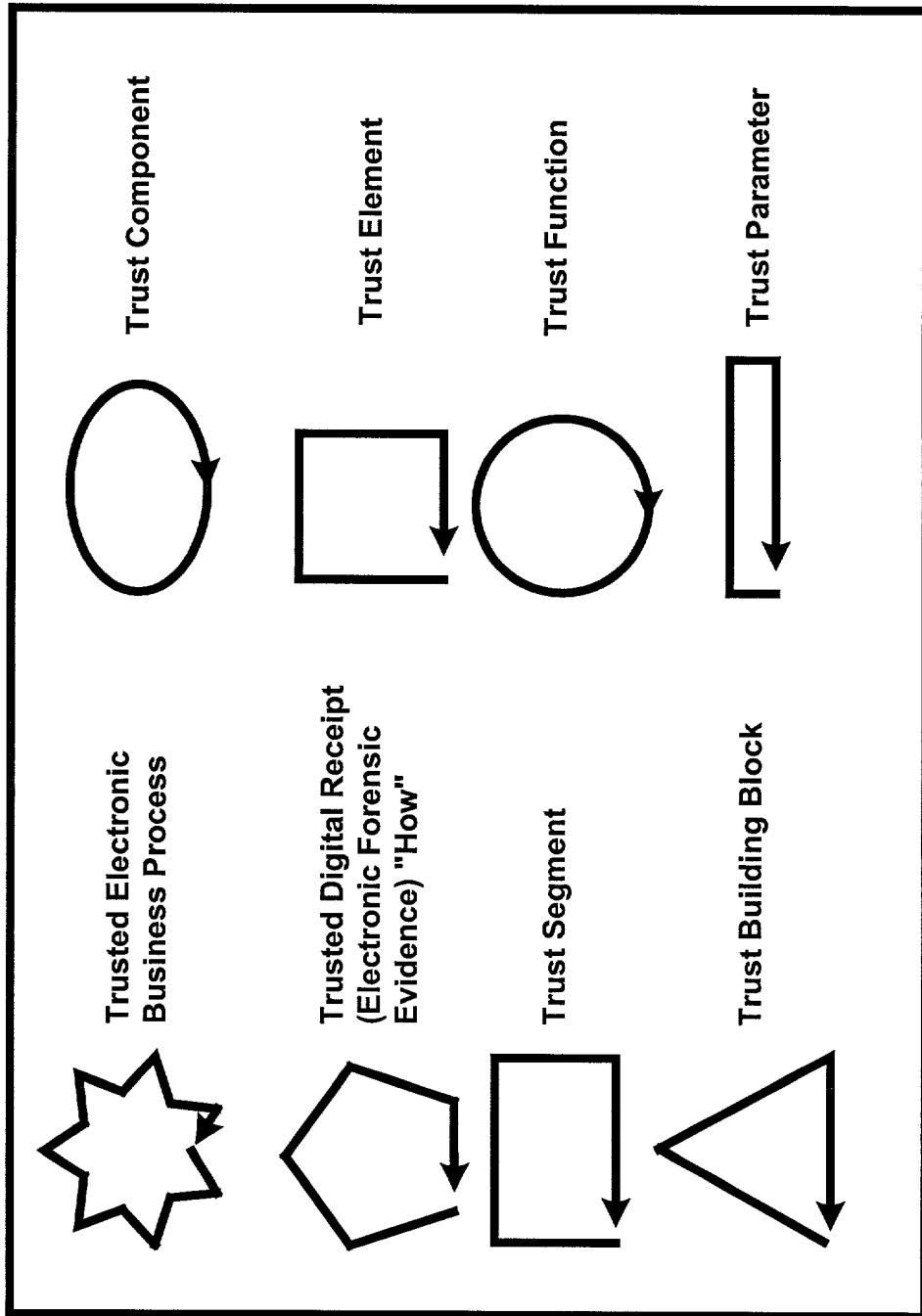


Figure : 1 Trusted End-to-End Electronic Business Digital Chain of Trust Model



Legend: Digital Chain of Trust Relational Hierarchy

FIGURE 11

Trust Segment 1: Trusted Identity Authentication

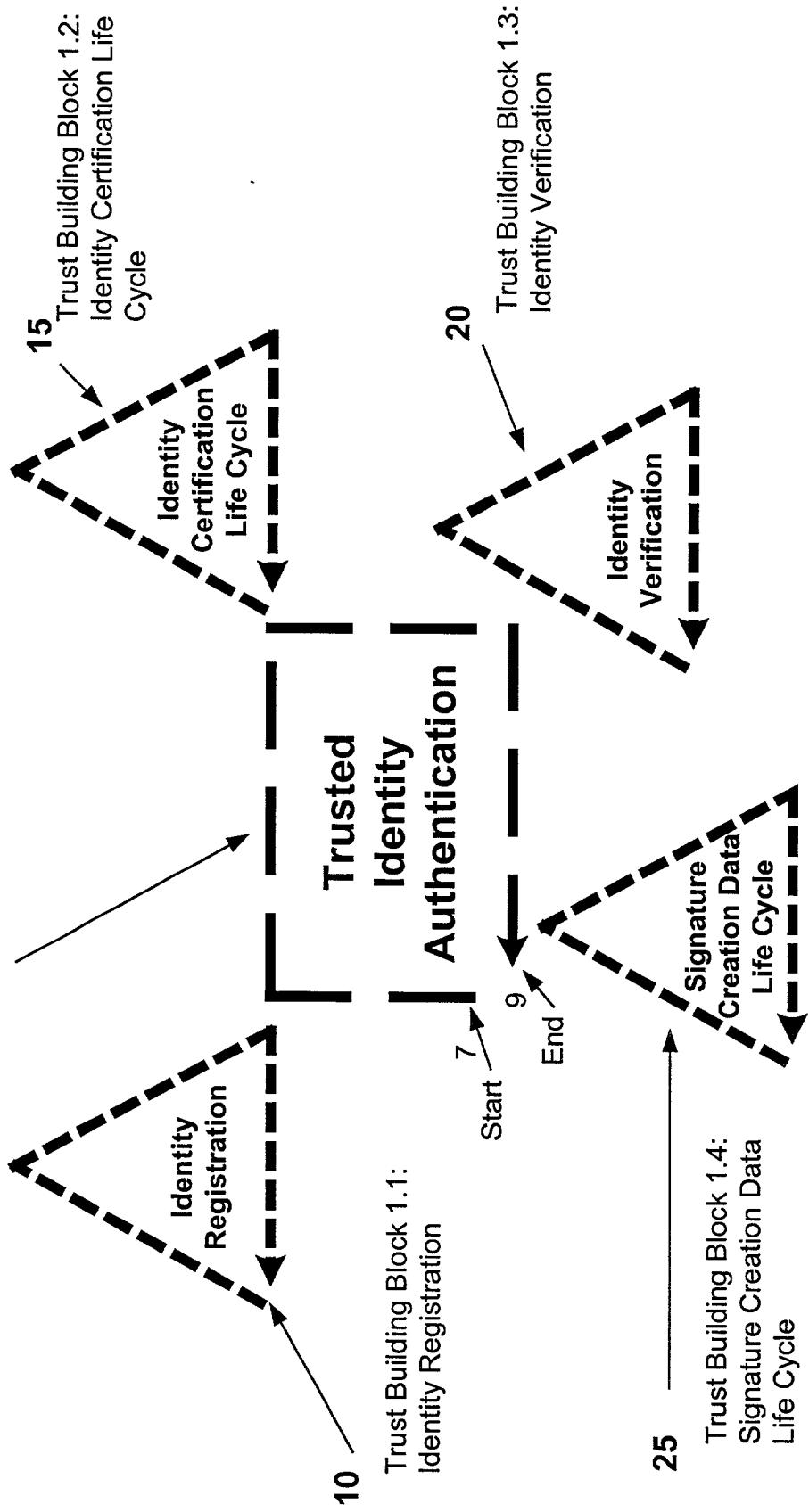


Figure 1.0 : Trust Building Blocks of Trust Segment 1: Trusted Identity Authentication

5

Trust Building Block 1.1: Identity Registration

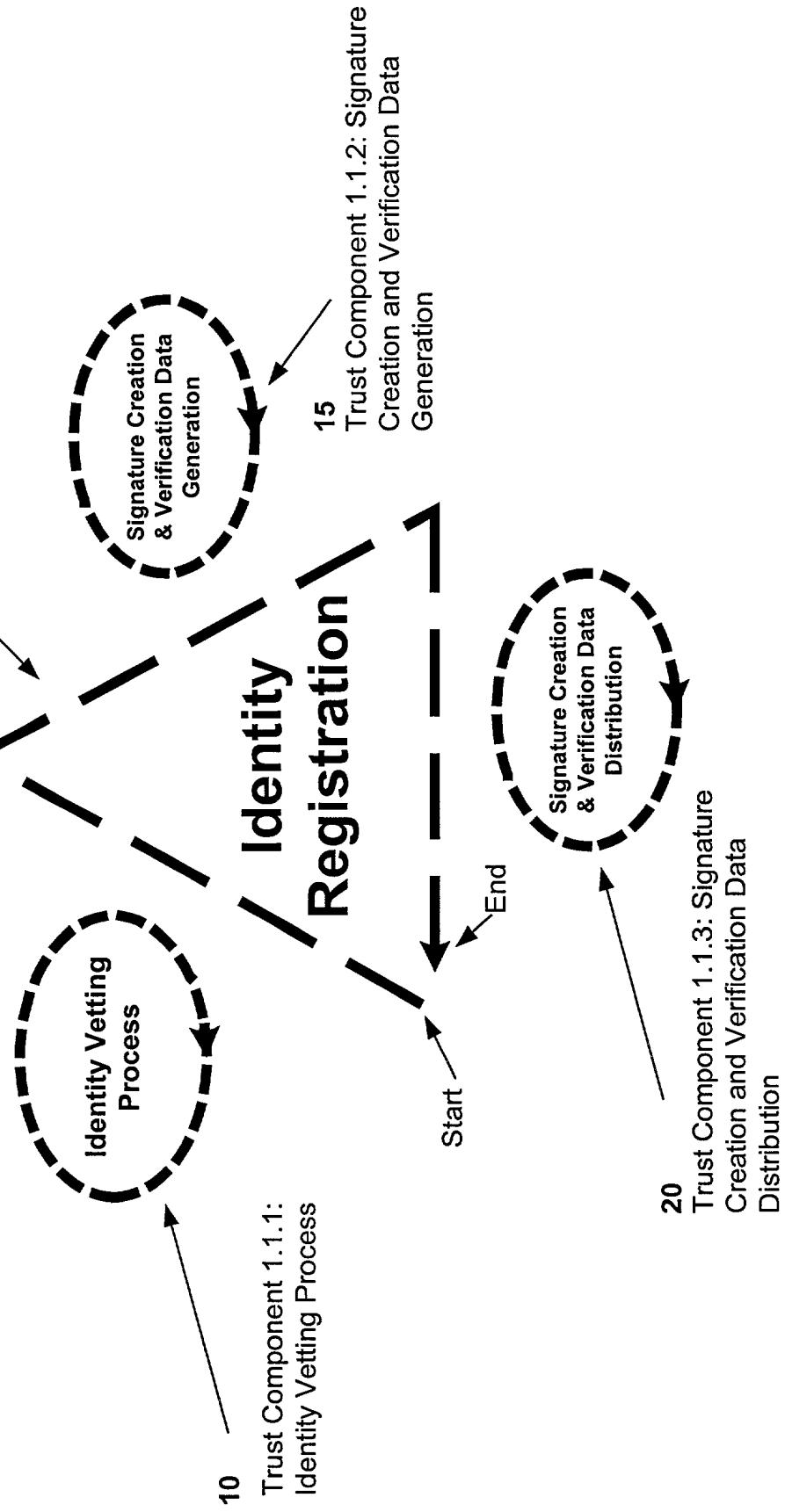


Figure 1.1: Trust Components of Trust Building Block 1.1:
Identity Registration

Trust Component 1.1.1: Identity Vetting Process

5

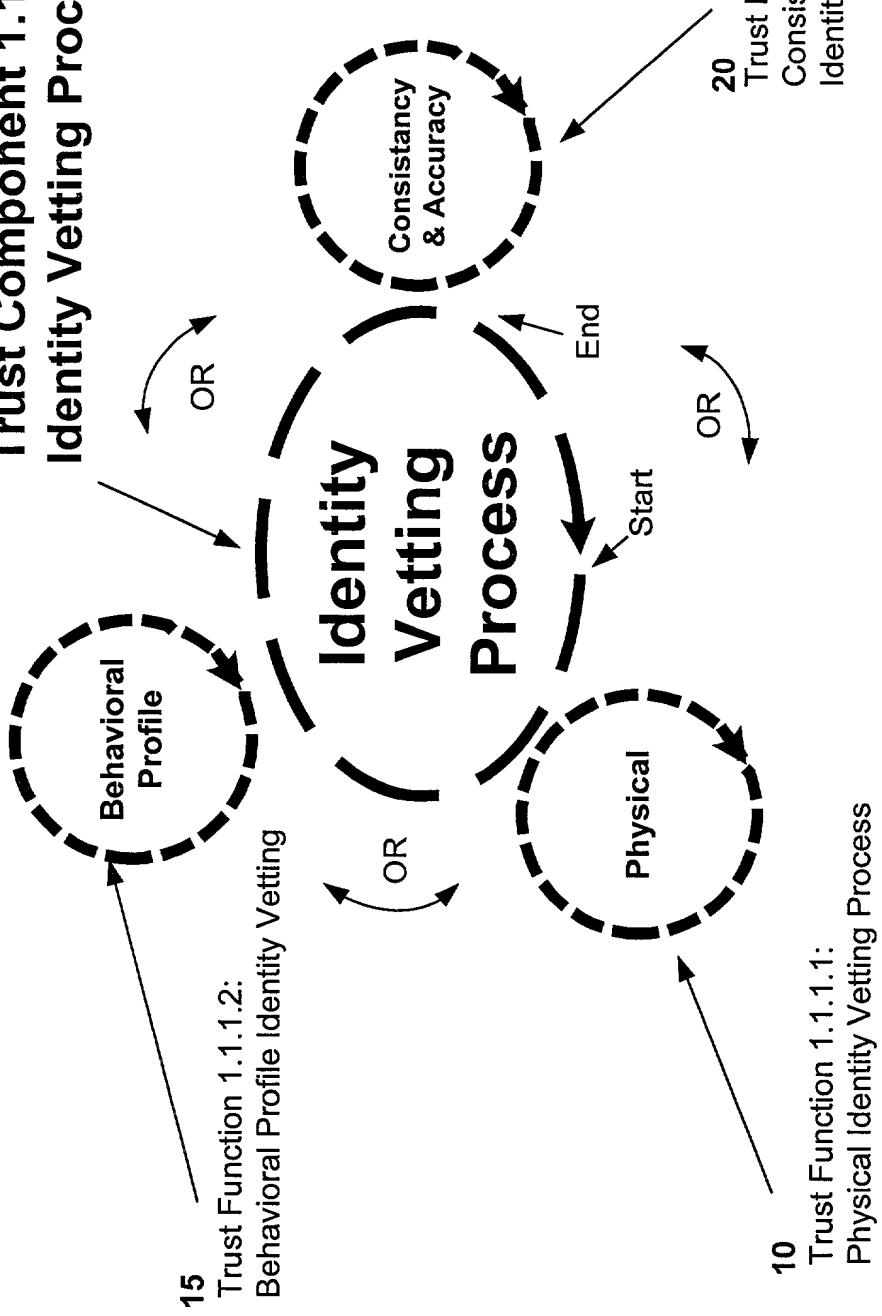
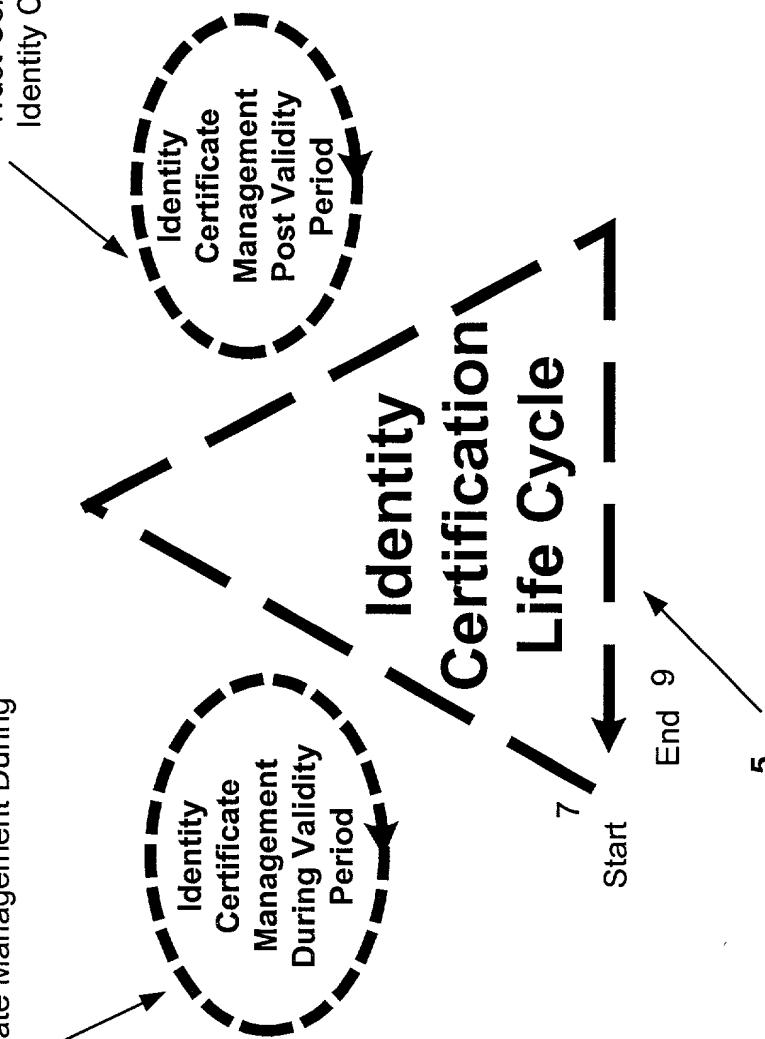


Figure 1.1.1:

The Trust Functions of Trust Component 1.1.1: Identity Vetting
Process of Trust Building Block 1.1: Identity Registration of Trust
Segment 1: Trusted Identity Authentication

10 Trust Component 1.2.1
Identity Certificate Management During
Validity Period

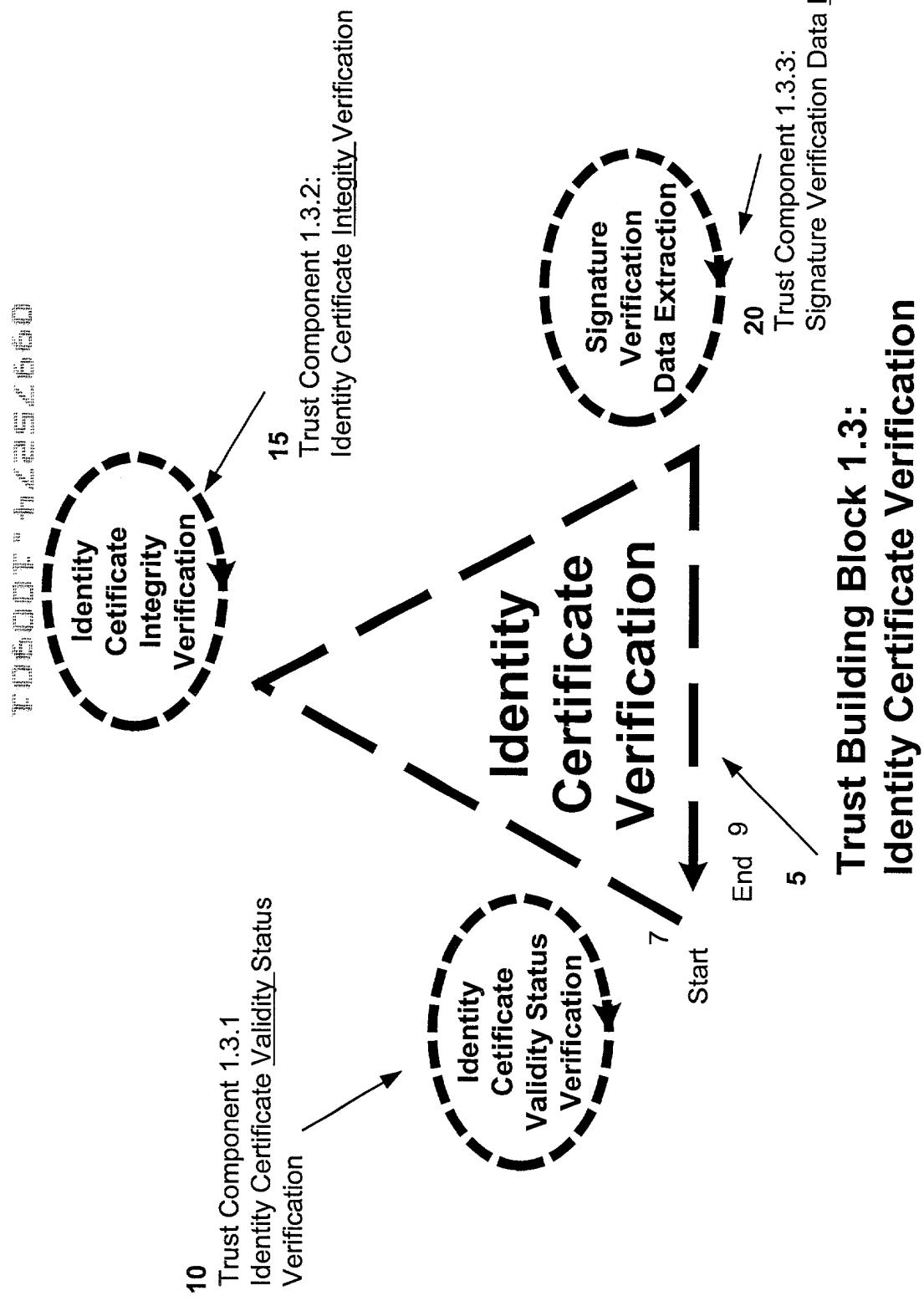
20 Trust Component 1.2.2:
Identity Certificate Integrity Verification



Trust Building Block 1.2: Identity Certification Life Cycle

The Trust Components of Trust Building Block 1.2: Identity
Certification Life Cycle, of Trust Segment 1: Trusted Identity
Authentication

Figure 1.2.1:



**Trust Building Block 1.3:
Identity Certificate Verification**

The Trust Components of Trust Building Block 1.3: Identity Certificate Verification of Trust Segment 1: Trusted Identity Authentication

Figure 1.3:

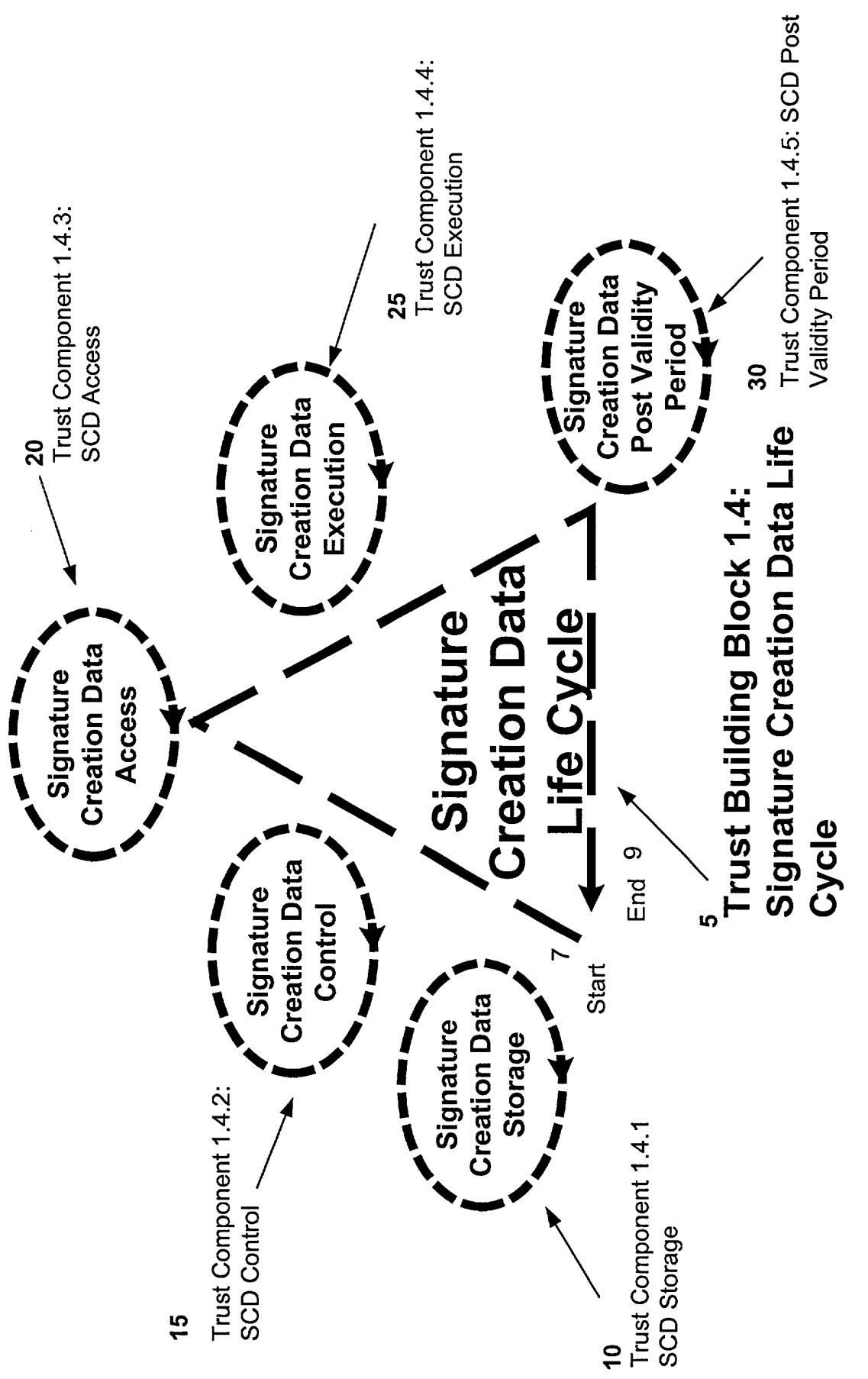


Figure 1.4: The Trust Components of Trust Building Block 1.4: Signature Creation Data Life Cycle of Trust Segment 1: Trusted Identity Authentication

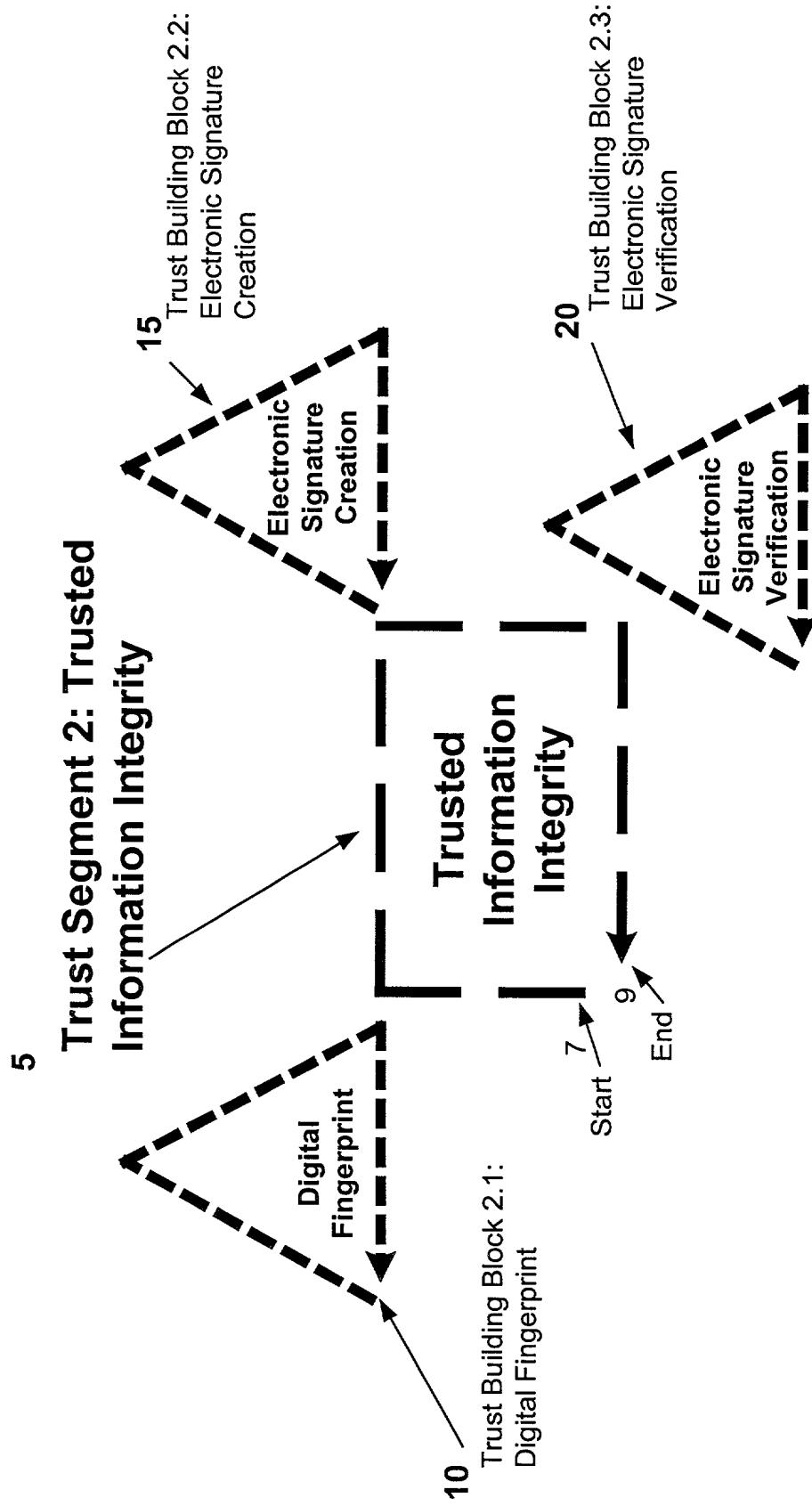


Figure 2.0 : Trust Building Blocks of Trust Segment 2:
Trusted Information Integrity

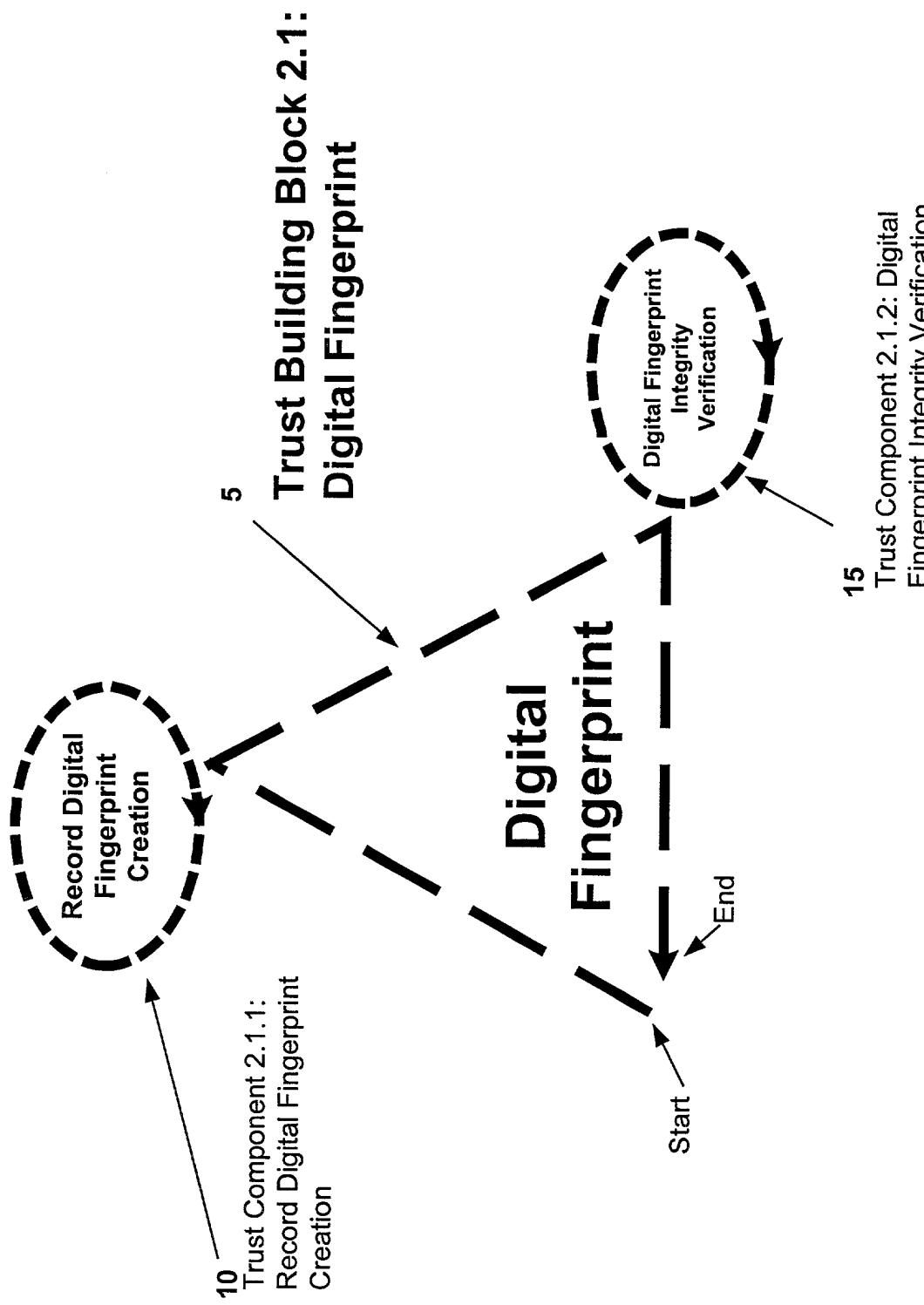


Figure 2.1: Trust Components of Trust Building Block 2.1: Digital Fingerprint

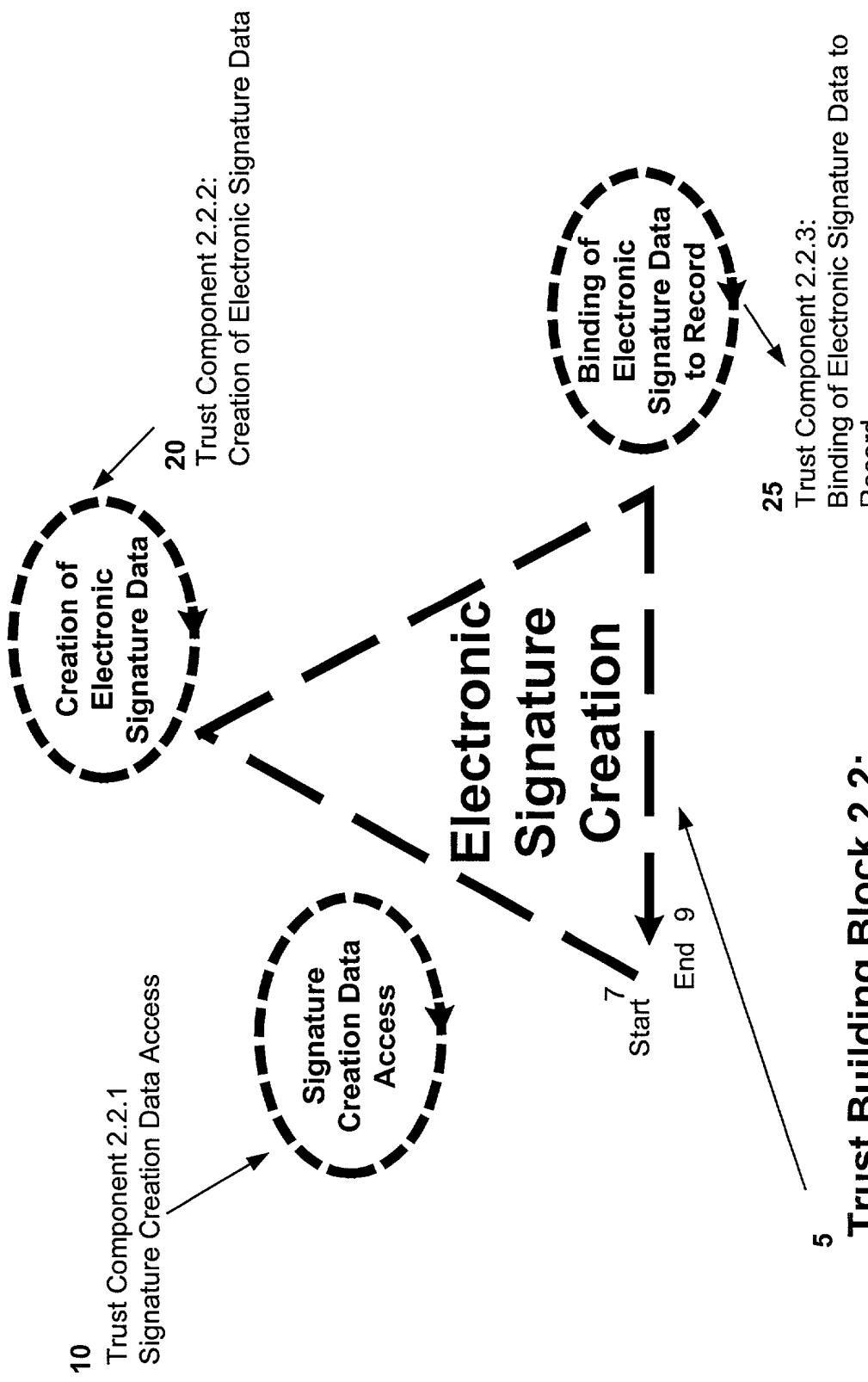


Figure 2.2: The Trust Components of Trust Building Block 2.2:
Electronic Signature Creation of Trust Segment 2: Trusted
Information Integrity

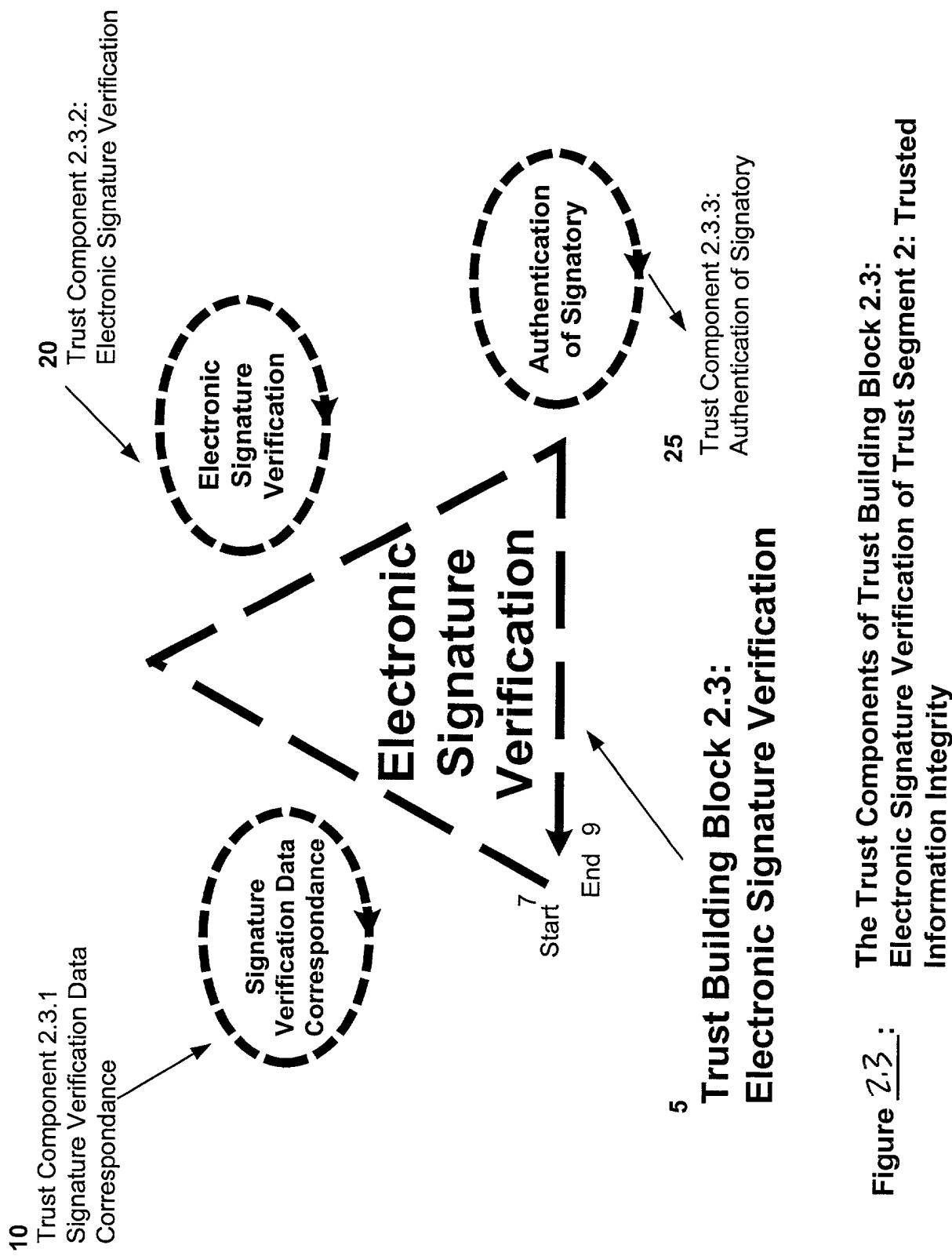


Figure 2.3 : The Trust Components of Trust Building Block 2.3:
Electronic Signature Verification of Trust Segment 2: Trusted
Information Integrity

5 Trust Segment 3: Trusted Time

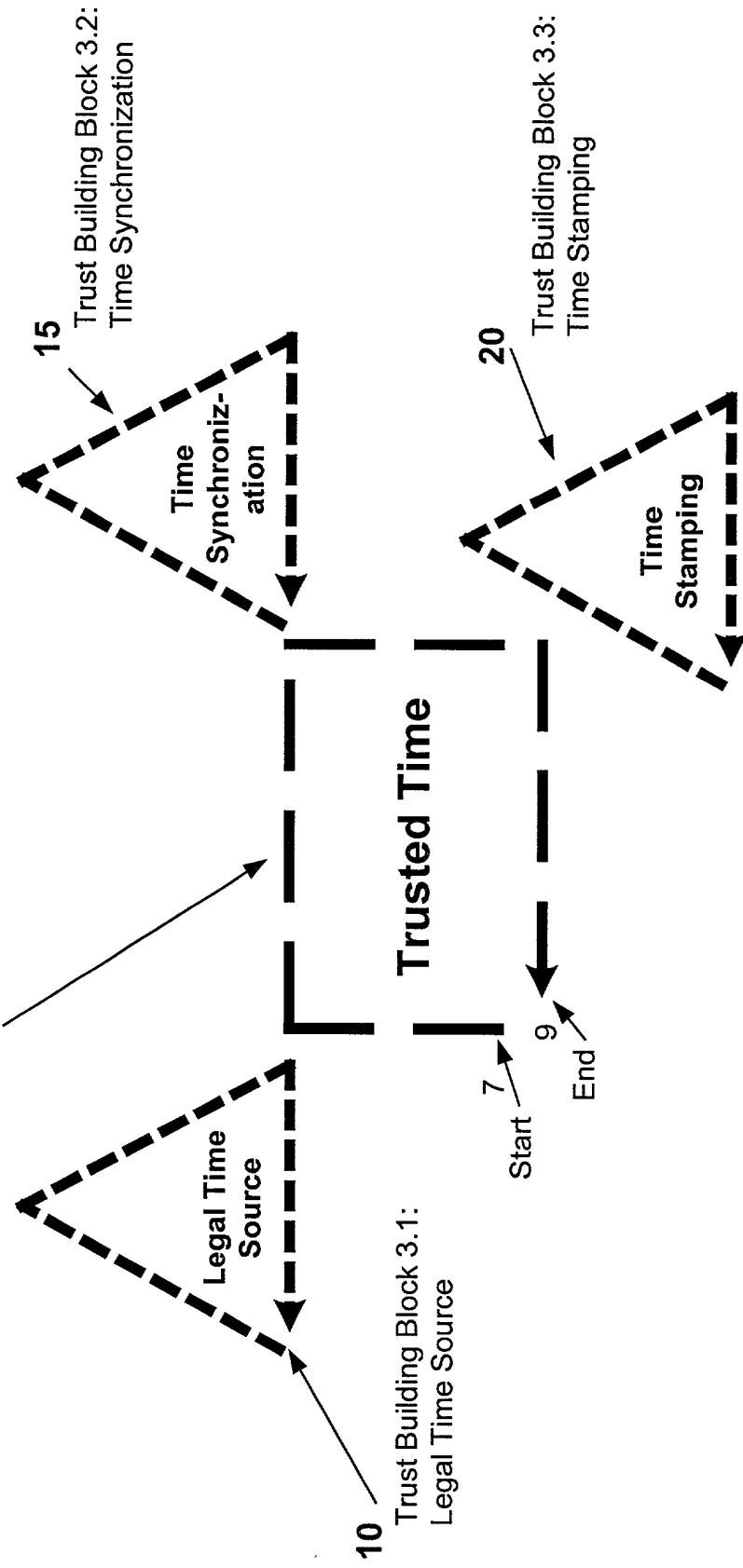


Figure 3.0 : Trust Building Blocks of Trust Segment 3:
Trusted Time

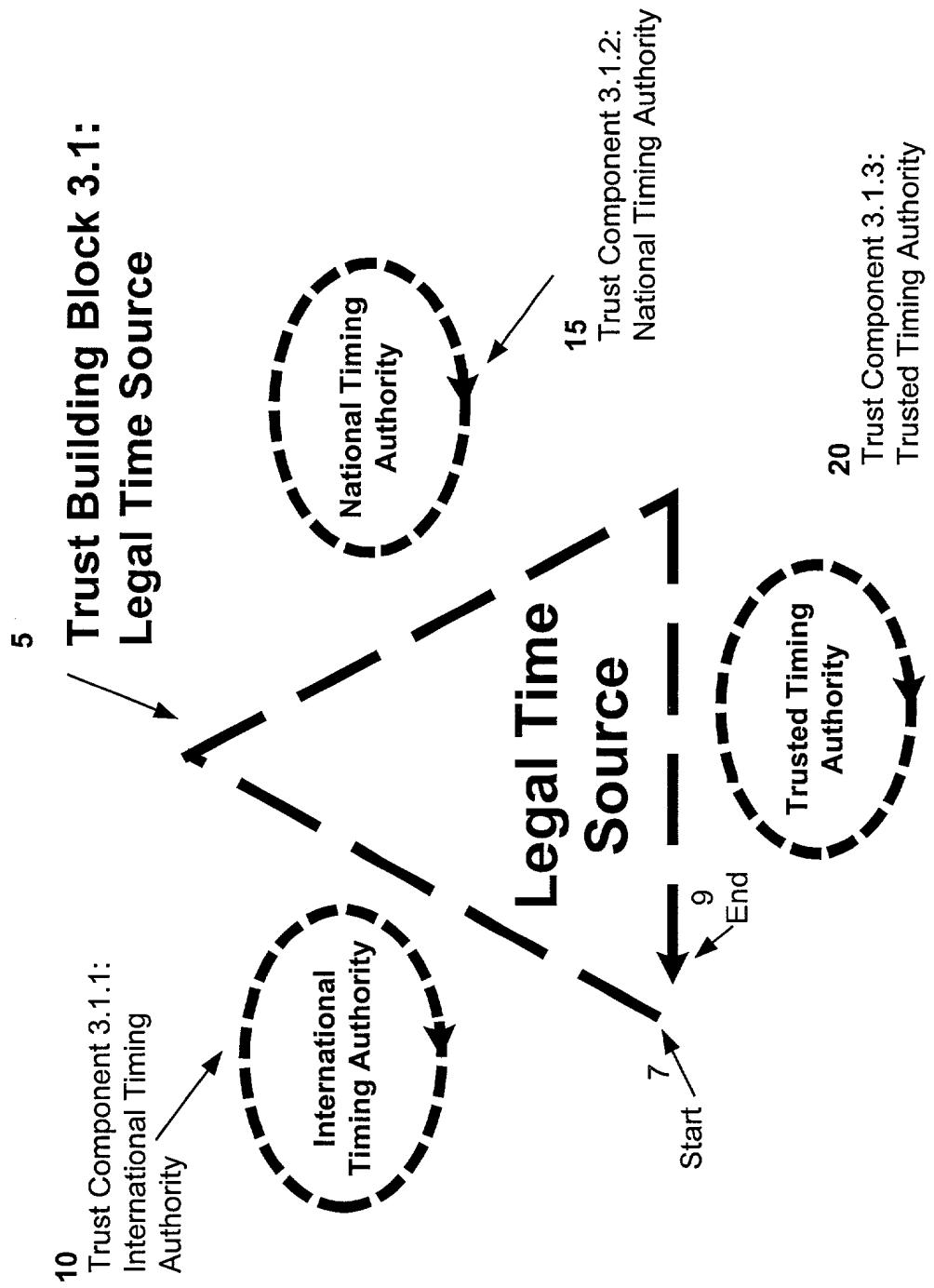


Figure 3.1 : Trust Components of Trust Building Block 3.1:
Legal Time Source

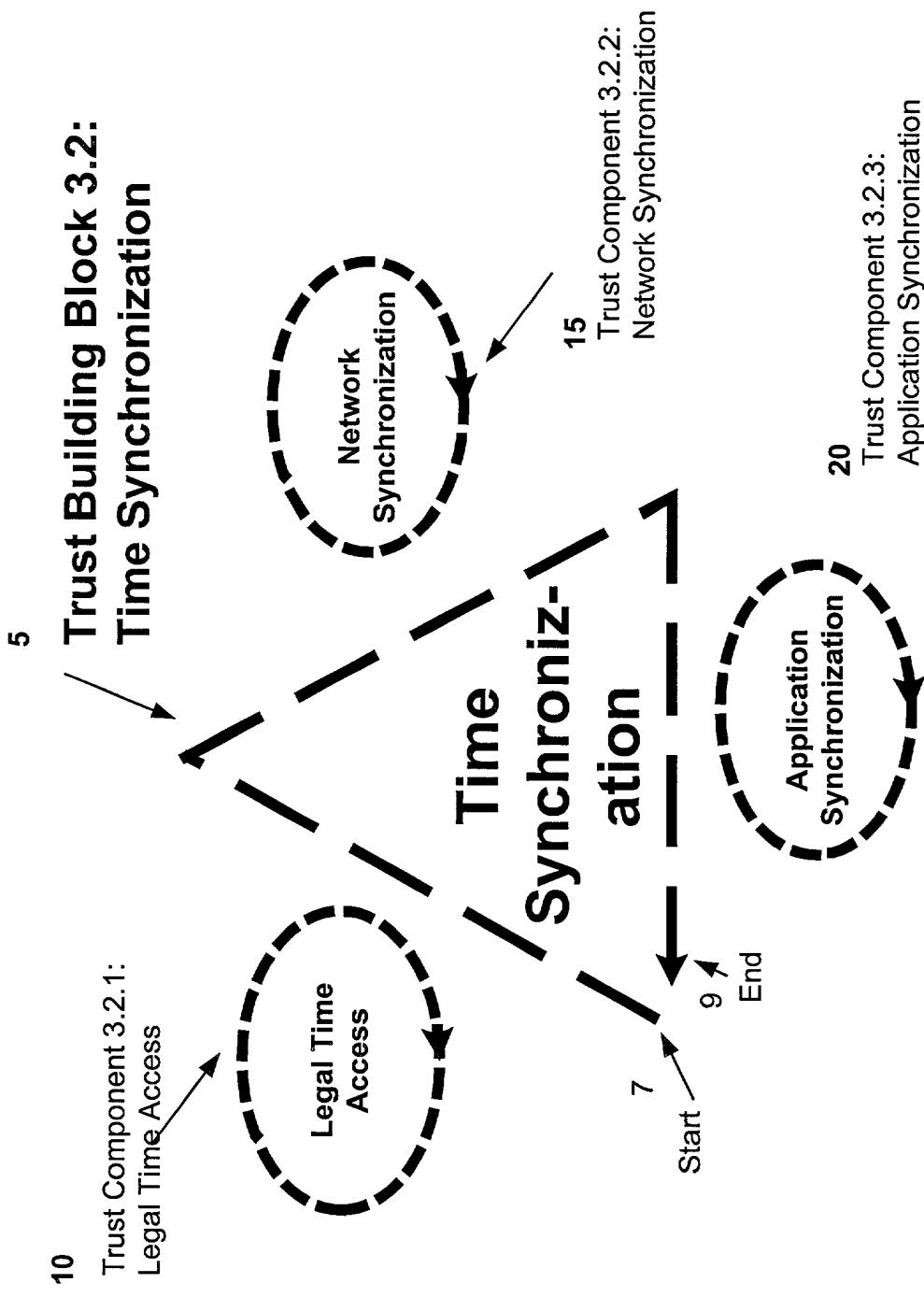


Figure 3.2: Trust Components of Trust Building Block 3.2:
Time Synchronization

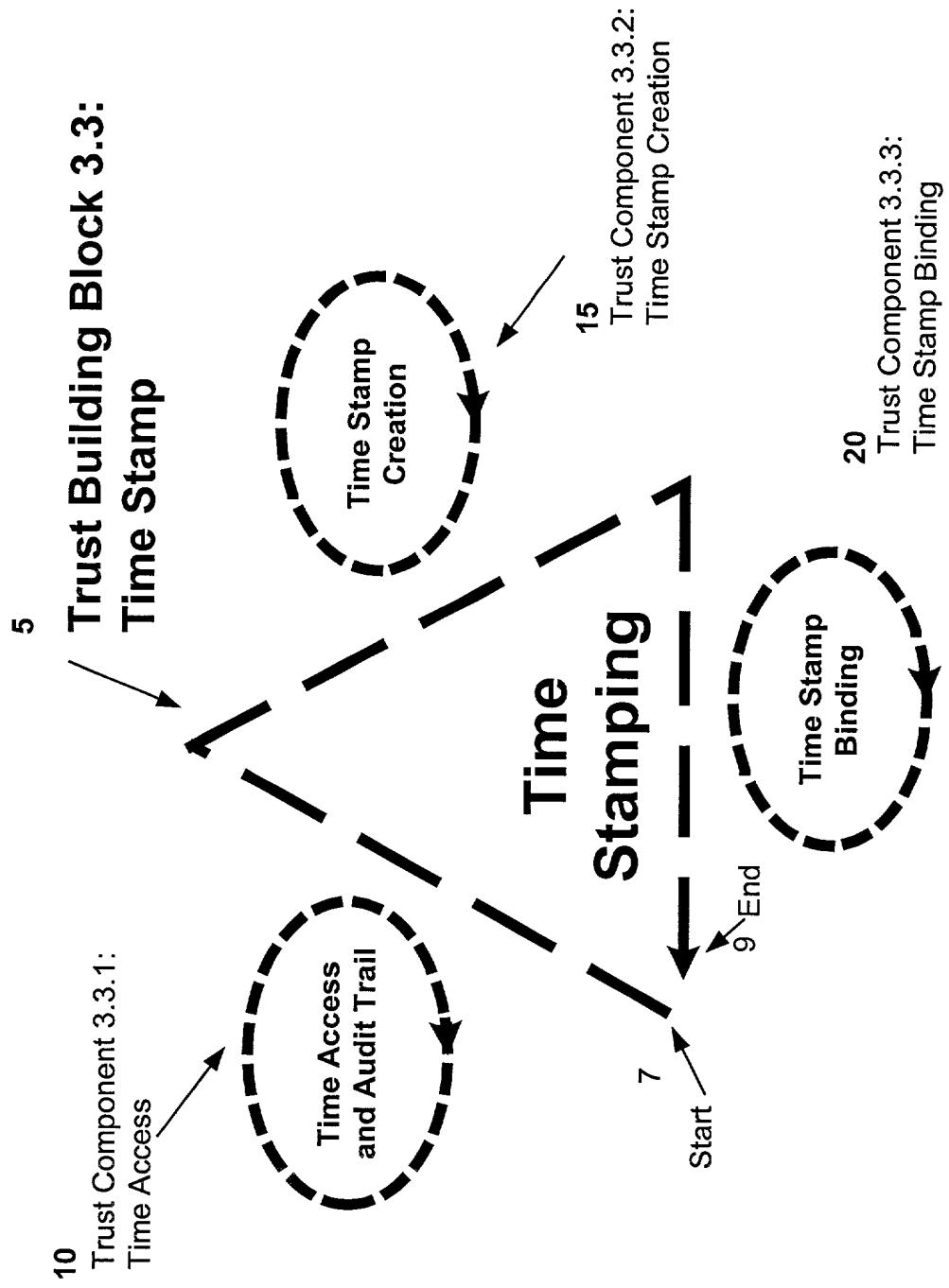


Figure 3.3: Trust Components of Trust Building Block 3.3: Time Stamping

Trust Segment 4: Trusted Digital Receipt

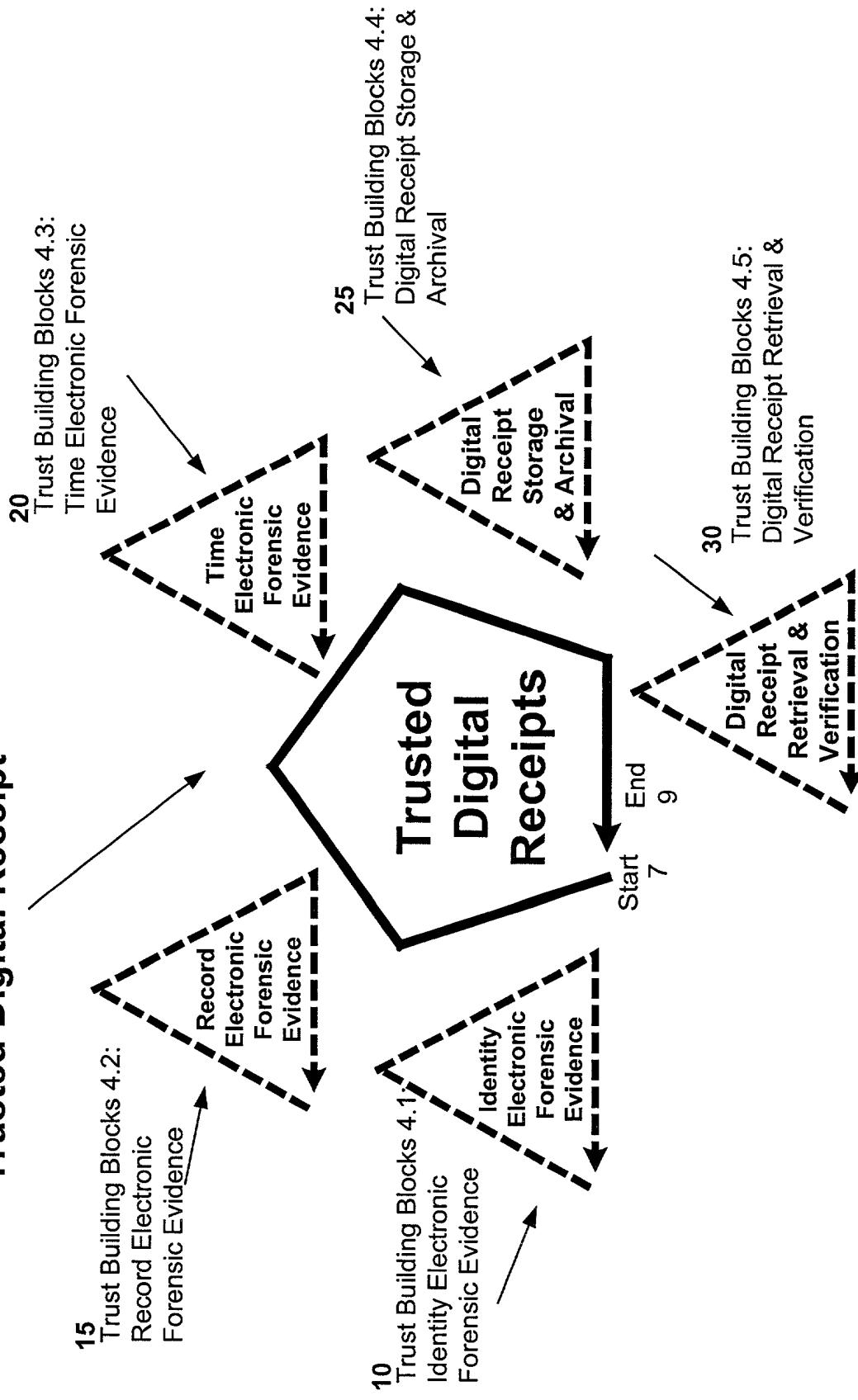


Figure 4.0:
**Trust Building Blocks of Trust Segment 4:
Trusted Digital Receipts**

Figure 4.0:

5

Trust Segment 5: Trusted Access

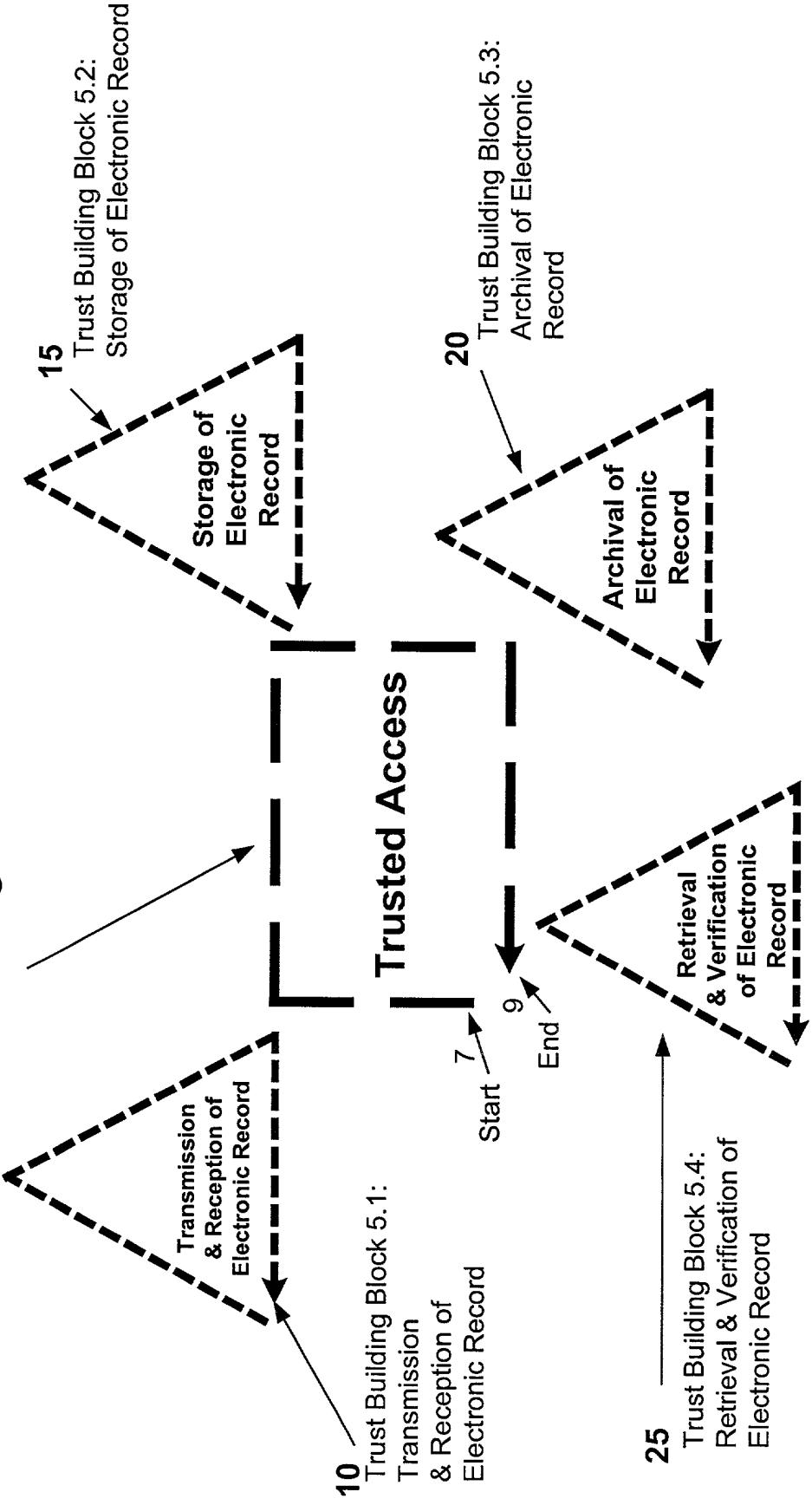


Figure 5.0: Trust Building Blocks of Trust Segment 5:
Trusted Access

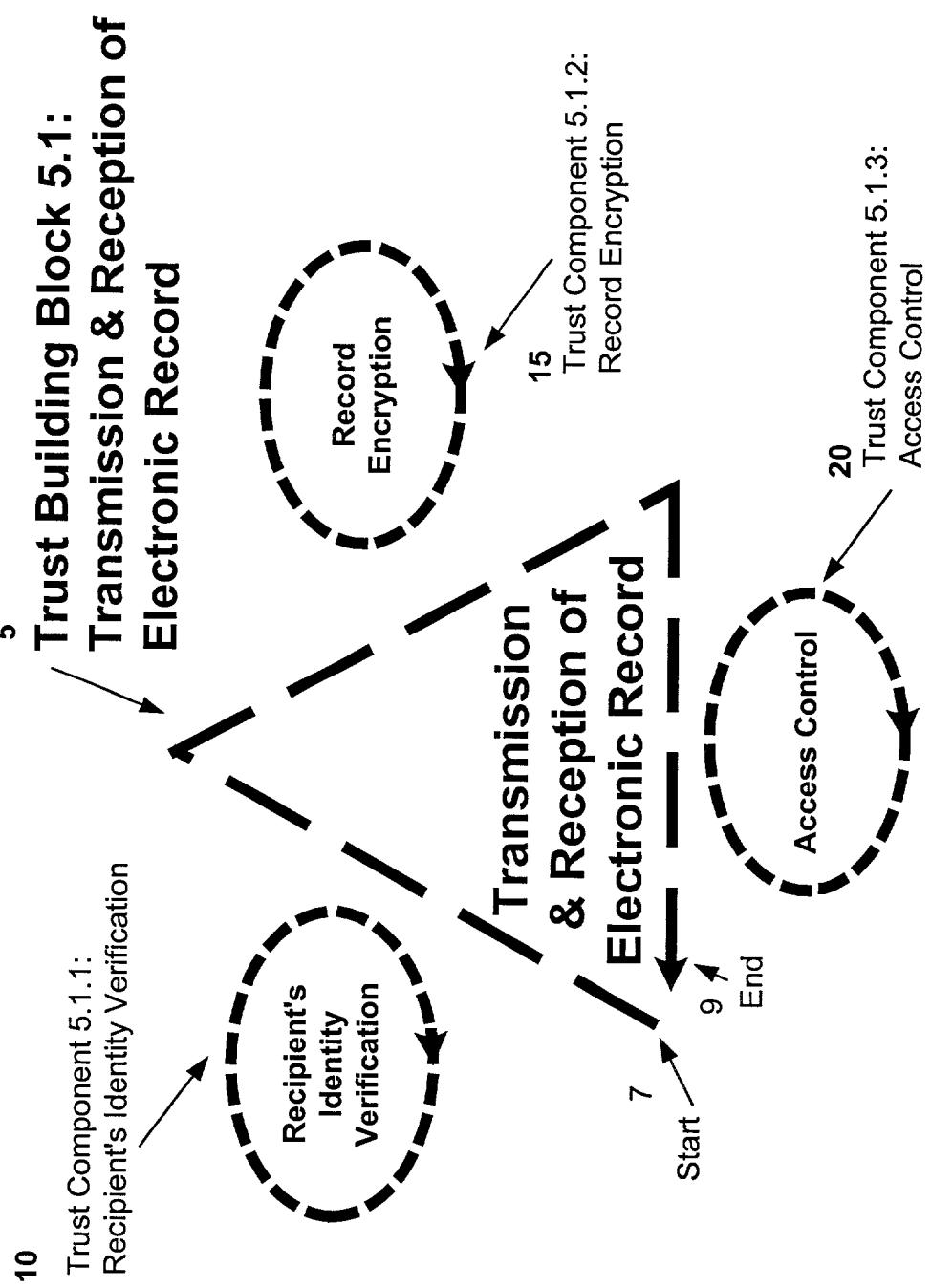


Figure 5.1 : Trust Components of Trust Building Block 5.1:
Transmission & Reception of Electronic Record

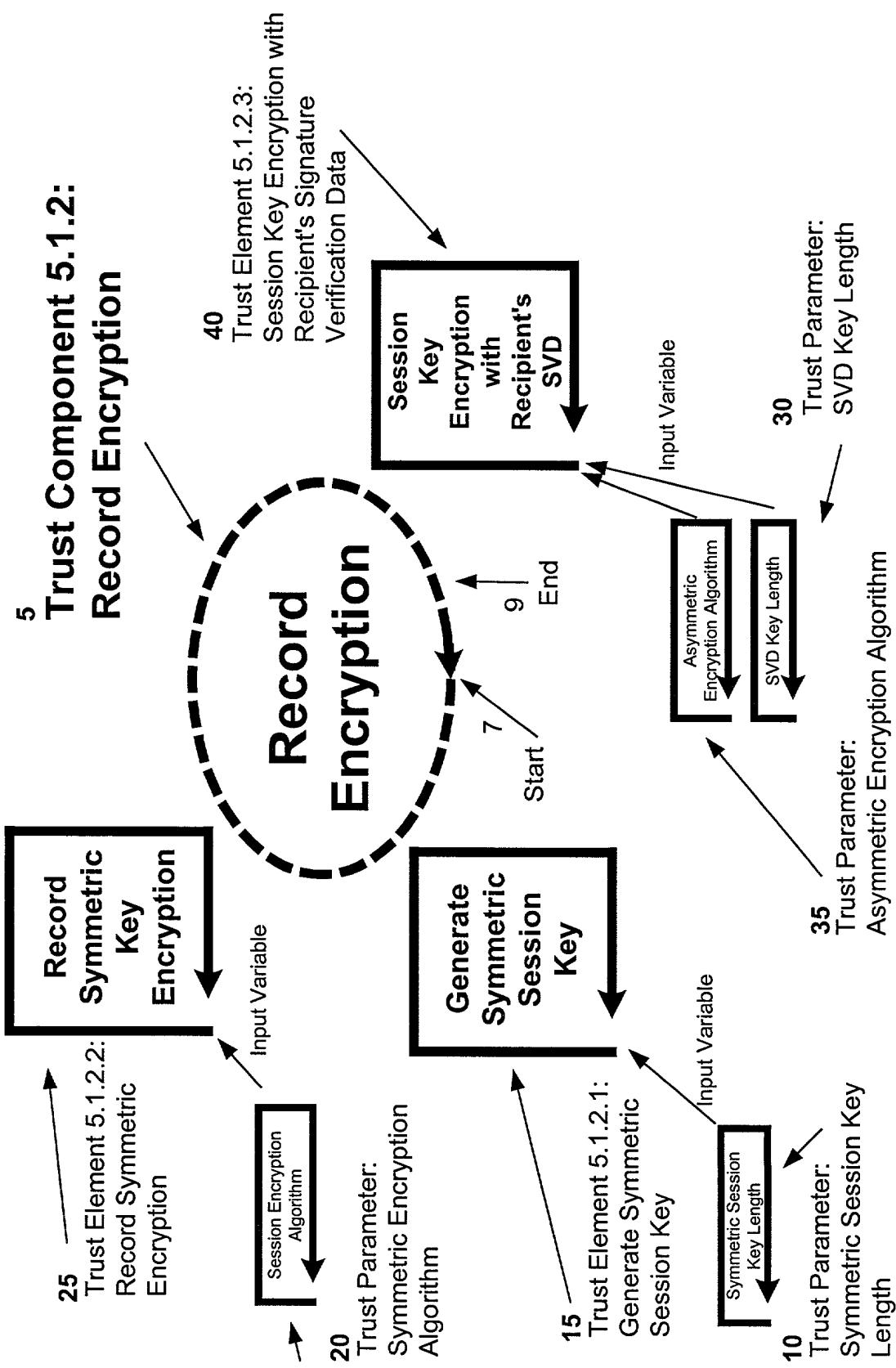


Figure 5.1.2: Trust Elements of Trust Component 5.1.2: Record Encryption of Trust Building Block 5.1: Transmission and Reception of Electronic Record, of Trust Segment 5: Trusted Access

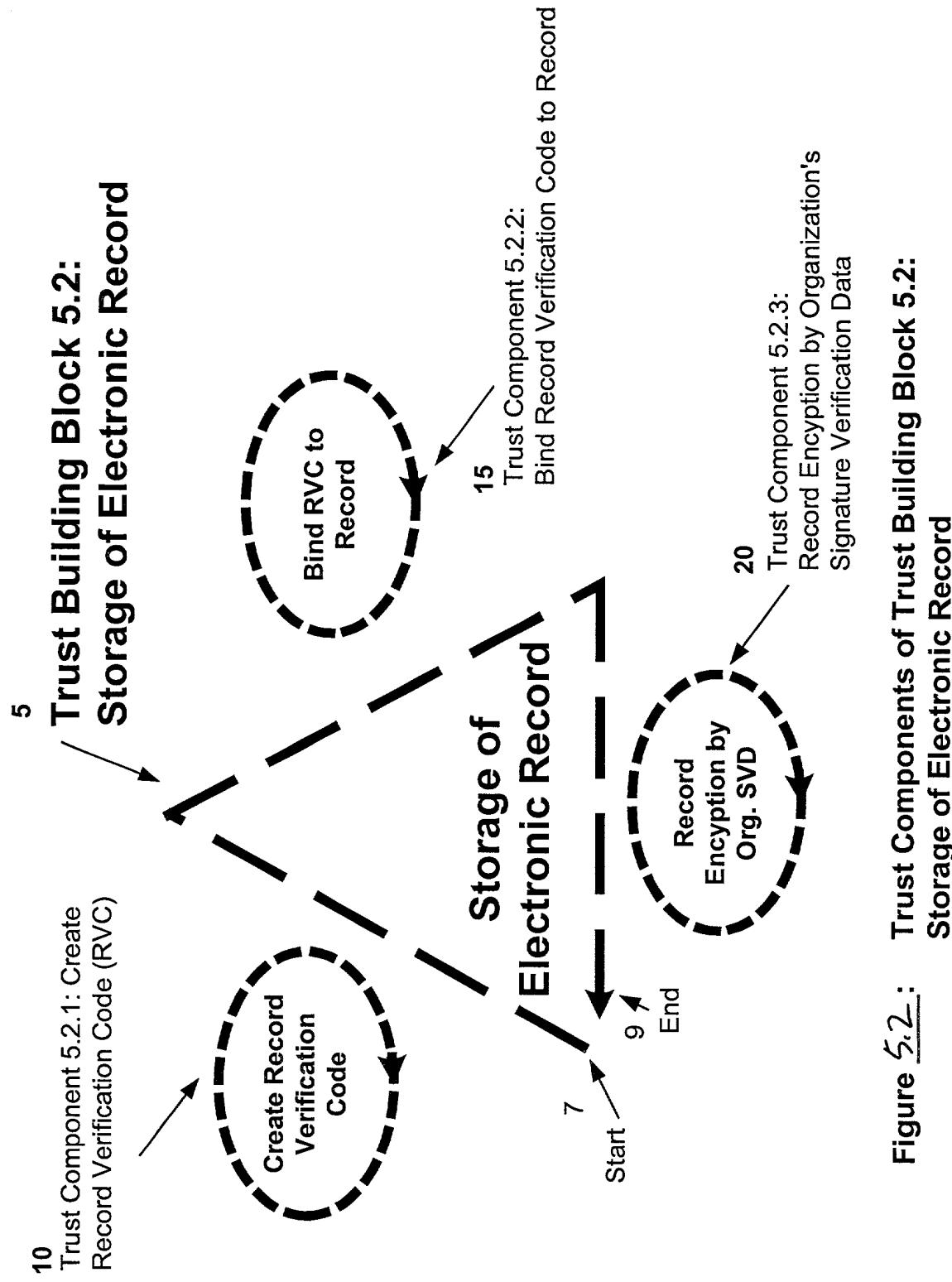


Figure 5.2: Trust Components of Trust Building Block 5.2:
Storage of Electronic Record

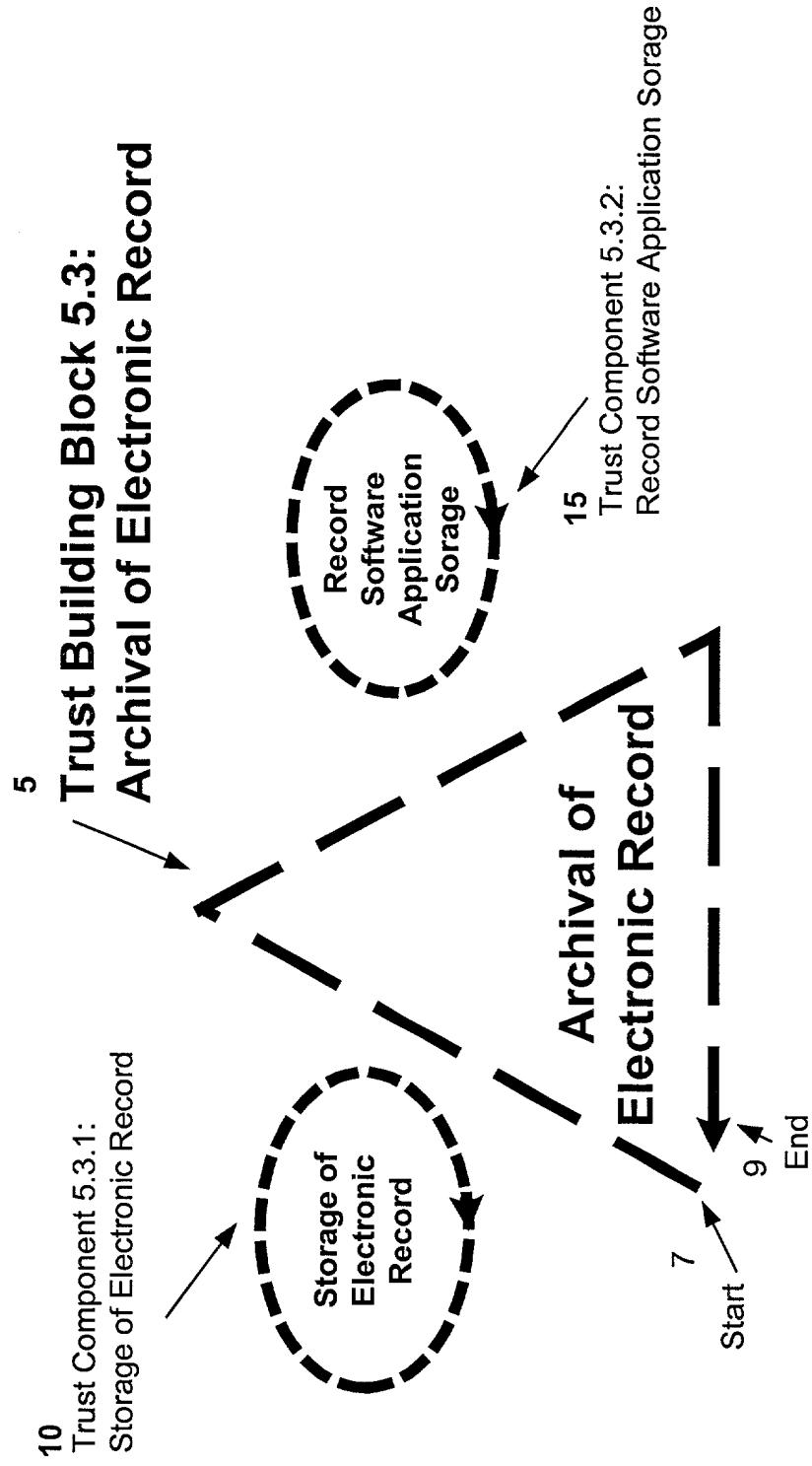


Figure 5.3 : Trust Components of Trust Building Block 5.3:
Archival of Electronic Record

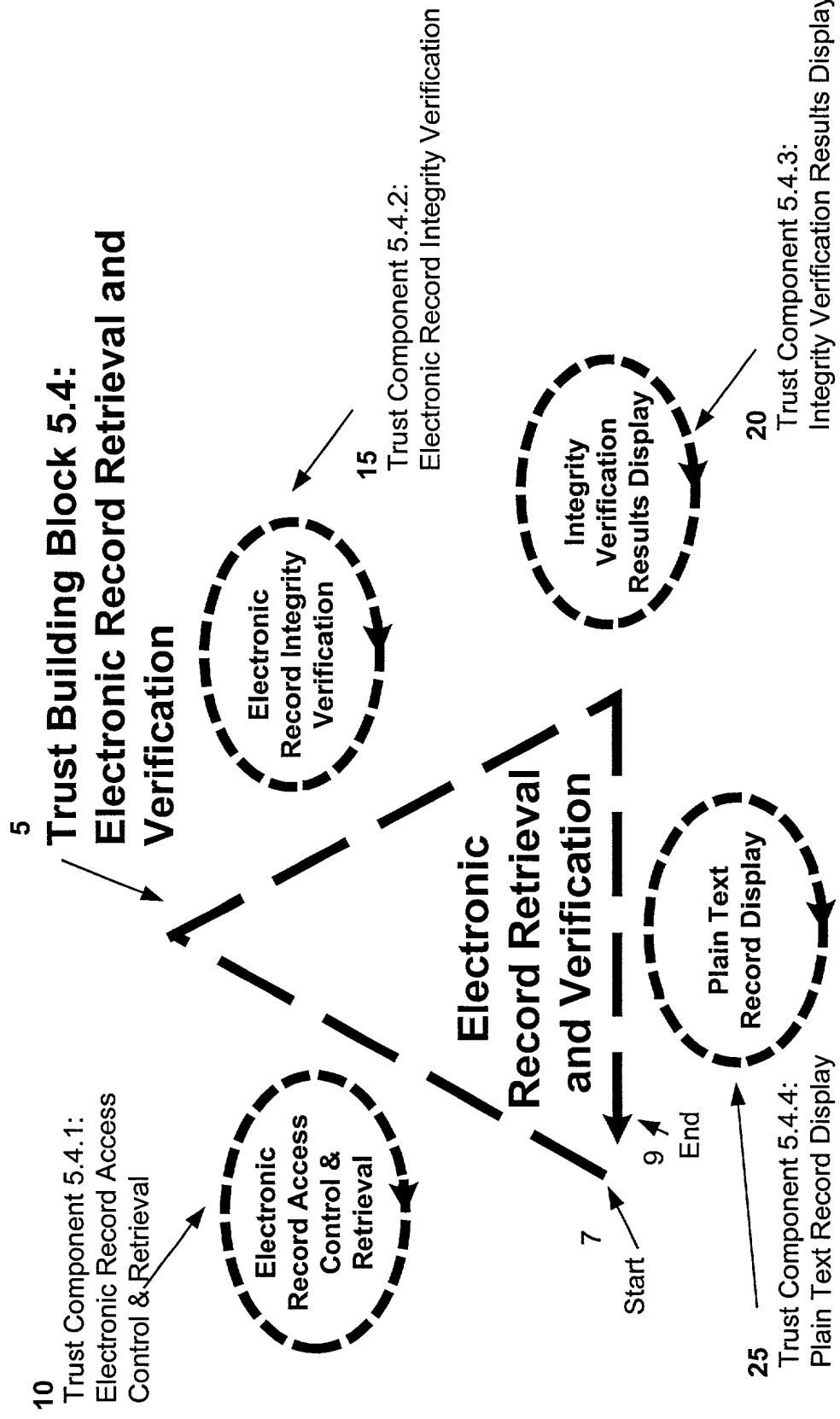


Figure 5.4:

Trust Components of Trust Building Block 5.4:
Electronic Record Retrieval and Verification

Trust Component 5.4.3:
Integrity Verification Results Display

Trust Component 5.4.2:
Electronic Record Integrity Verification

Trust Component 5.4.4:
Plain Text Record Display

5 Trust Building Block 5.4:
Electronic Record Retrieval and
Verification

10 Trust Component 5.4.1:
Electronic Record Access
Control & Retrieval

Trust Segment 6: Personal Information Privacy

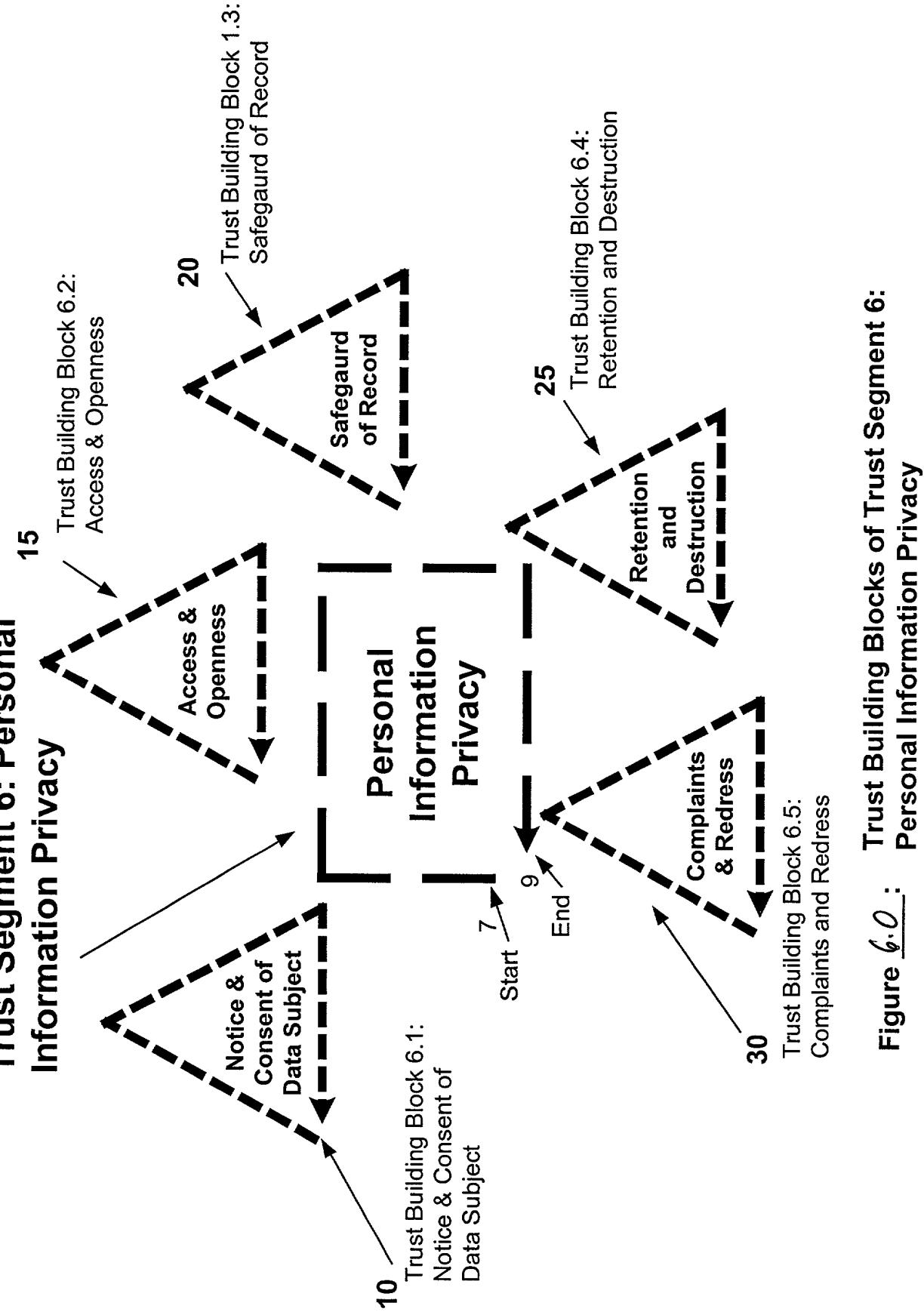


Figure 6.0: Trust Building Blocks of Trust Segment 6:
Personal Information Privacy

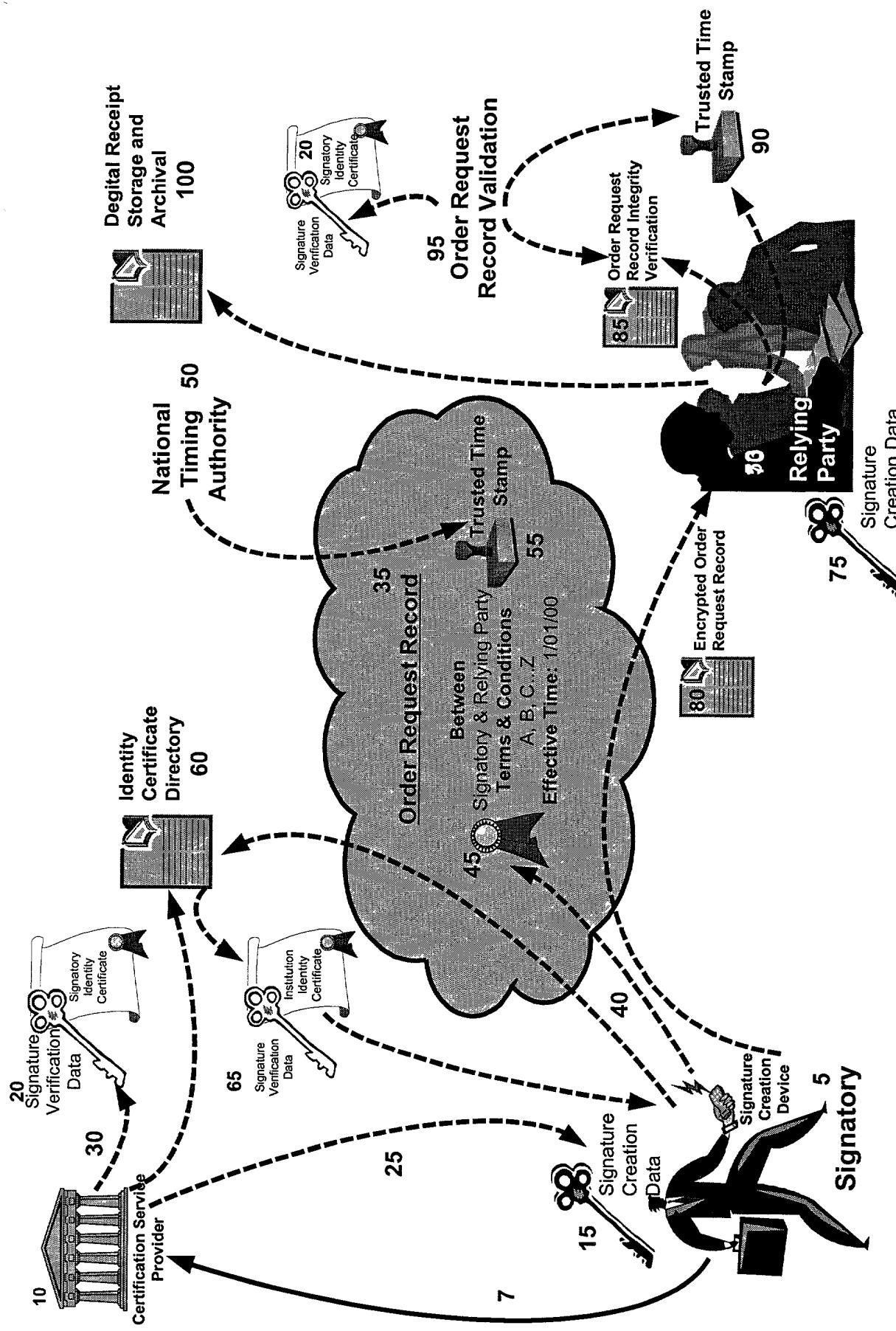


Figure 7: Exemplary eBP of a financial Transaction between a Customer (Signatory) and an Institution (Relying Party) using the inventive DCT methodology